



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	10/725,557	
				Filing Date	December 3, 2003	
				First Named Inventor	John T. Moore	
				Art Unit	2818-2824	
Examiner Name	Not Yet Assigned TUAN NGUYEN					
Attorney Docket Number	M4065.0920/P920					
Sheet	1	of	2			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Tuan	AA	2002/0000666	1/3/2002	Kozicki et al.	
	AB	2002/0168820	11/2002	Kozicki	
	AC	2002/0168852	11/2002	Kozicki	
	AD	2002/0190350	12/19/2002	Kozicki et al.	
	AE	2003/0035314	02/20/2003	Kozicki	
	AF	2003/0035315	02/20/2003	Kozicki	
	AG	2003/0048519	03/13/2003	Kozicki	
	AH	2003/0107105	6/2003	Kozicki	
	AI	2003/0137869	07/24/2003	Kozicki	
	AJ	2003/0156447	08/21/2003	Kozicki	
	AK	2003/0209728	11/13/2003	Kozicki et al	
	AL	2003/0209971	11/13/2003	Kozicki et al	
	AM	2003/0210564	11/13/2003	Kozicki et al	
	AN	5,314,772	5/24/1994	Kozicki	
	AO	5,500,532	3/19/1996	Kozicki et al.	
	AP	5,761,115	6/1998	Kozicki et al.	
	AQ	5,896,312	4/20/1999	Kozicki et al.	
	AR	5,914,893	6/22/1999	Kozicki et al.	
	AS	6,084,796	7/4/2000	Kozicki et al.	
	AT	6,388,324	5/14/2002	Kozicki et al.	
	AU	6,418,049	7/9/2002	Kozicki et al.	
	AV	6,469,364	10/2002	Kozicki	
	AW	6,487,106	11/26/2002	Kozicki	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA	WO 97/48032	12/18/1997	Kozicki et al.	
	BB	WO 99/28914	06/10/1999	Kozicki et al.	
	BC	WO 00/48196	08/17/2000	Kozicki et al.	
	BD	WO 02/21542	03/14/2002	Kozicki et al.	

Examiner Signature	TUAN NGUYEN	Date Considered	1/5/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known		
		Application Number	10/725,557	
		Filing Date	December 3, 2003	
		First Named Inventor	John T. Moore	
		Group Art Unit	2818 2824	
		Examiner Name	Not Yet Assigned <i>TUAN NGUYEN</i>	
Sheet	2	2	Attorney Docket Number	M4065.0920/P920

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>an</i>	CA	Kozicki et al., Silver incorporation in thin films of selenium rich Ge-Se glasses, International Congress on Glass, Volume 2, Extended Abstracts, July 2001, pgs. 8-9.	
	CB	Michael N. Kozicki, 1. Programmable Metallization Cell Technology Description, February 18, 2000	
	CC	Michael N. Kozicki, Axon Technologies Corp. and Arizona State University, Presentation to Micron Technology, Inc., April 6, 2000	
	CD	Kozicki et al., Applications of Programmable Resistance Changes in Metal-Doped Chalcogenides, Electrochemical Society Proceedings, Volume 99-13, 1999, pgs. 298-309.	
	CE	Kozicki et al., Nanoscale effects in devices based on chalcogenide solid solutions, Superlattices and Microstructures, Vol. 27, No. 516, 2000, pgs. 485-488.	
	CF	Kozicki et al., Nanoscale phase separation in Ag-Ge-Se glasses, Microelectronic Engineering 63 (2002) pgs 155-159.	
	CG	Mitkova, M.; Boolchand, P., Microscopic origin of the glass forming tendency in chalcogenides and constraint theory, J. Non-Cryst. Solids 240 (1998) 1-21.	
	CH	Mitkova, M.; Kozicki, M.N., Silver incorporation in Ge-Se glasses used in programmable metallization cell devices, J. Non-Cryst. Solids 299-302 (2002) 1023-1027.	
	CI	Mitkova, M.; Wang, Y.; Boolchand, P., Dual chemical role of Ag as an additive in chalcogenide glasses, Phys. Rev. Lett. 83 (1999) 3848-3851.	
<i>an</i>	CJ	West, W.C.; Sieradzki, K.; Kardynal, B.; Kozicki, M.N., Equivalent circuit modeling of the Ag As _{0.24} S _{0.36} Ag _{0.40} Ag System prepared by photodissolution of Ag, J. Electrochem. Soc. 145 (1998) 2971-2974	

Examiner Signature	<i>TUAN NGUYEN</i>	Date Considered	1/5/06
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			First Named Inventor	John T. Moore	
			Art Unit	N/A 2824	
			Examiner Name	Not Yet Assigned Tuan Nguyen	
Sheet	1	of	1	Attorney Docket Number	M4065.0920/P920

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
Don	AA	US-6,504,123	01/07/2003	Beffa	
Don	AB	US-6,594,611	07/15/2003	Beffa	
	AC	US-6,529,793	03/04/2003	Beffa	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		

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Tuan Nguyen

1/5/06